

Title (en)
INTERFERENCE-AVOIDANCE ORIENTED CARRIER REUSE OF DEVICE-TO-DEVICE (D2D) COMMUNICATION IN CELLULAR NETWORKS

Title (de)
AUF INTERFERENZVERMEIDUNG AUSGERICHTETE TRÄGERWIEDERVERWENDUNG VON VORRICHTUNG-ZU-VORRICHTUNG (D2D)-KOMMUNIKATION IN ZELLULAREN NETZWERKEN

Title (fr)
RÉUTILISATION DE PORTEUSE ORIENTÉE À ÉVITEMENT DE BROUILLAGE DE COMMUNICATION DE DISPOSITIF À DISPOSITIF (D2D) DANS DES RÉSEAUX CELLULAIRES

Publication
EP 2856820 A4 20160120 (EN)

Application
EP 12878603 A 20120604

Priority
CN 2012076438 W 20120604

Abstract (en)
[origin: WO2013181785A1] An apparatus and method for interference-avoidance in a hybrid communications network is provided. The method includes obtaining related information for interfering cellular user equipment in the hybrid network, reporting the related information for the interfering cellular user equipment to an evolved Node B (eNB), receiving a list of component carriers and competition related information for the component carriers, and selecting one or more proper component carriers from the list of component carriers according to certain rules.

IPC 8 full level
H04L 5/00 (2006.01); **H04W 72/02** (2009.01); **H04W 72/08** (2009.01); **H04W 92/18** (2009.01)

CPC (source: EP US)
H04L 5/001 (2013.01 - EP US); **H04L 5/0073** (2013.01 - EP US); **H04W 72/02** (2013.01 - EP US); **H04W 72/541** (2023.01 - US); **H04W 92/18** (2013.01 - EP US)

Citation (search report)

- [X1] US 2011151887 A1 20110623 - HAKOLA SAMI-JUKKA [FI], et al
- [X1] WO 2006016330 A1 20060216 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X1] WO 2010111150 A2 20100930 - QUALCOMM INC [US], et al
- See references of WO 2013181785A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013181785 A1 20131212; CN 104247535 A 20141224; EP 2856820 A1 20150408; EP 2856820 A4 20160120; US 2015126210 A1 20150507

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CN 2012076438 W 20120604; CN 201280072526 A 20120604; EP 12878603 A 20120604; US 201214404778 A 20120604